

NETWORK DEVICE CHANNEL CONFIGURATION

ABSTRACT

A network device supports an interface by which a user enters text-based configuration input that describes the channelization of a network link. The configuration input includes one or more text blocks of that define and hierarchically relate a data channel and at least one data sub-channel. The network device may include a control unit to communicate data packets over a channelized network link according to the configuration input. Accordingly, the user can view the text block for a particular channel or sub-channel without having to significantly scroll the display. In addition, the configuration input for the channels can readily be stored in multiple configuration files, and need not be maintained in a single file having continuous, nested levels configuration input.